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(71) Applicant: MITSUI TOATSU CHEM INC

J

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(54) ACETYLATED POLYGLYCOLIC ACID AND PREPARATION THEREOF

(57) Abstract:

NEW MATERIAL: Acetylated polyglycolic acid

represented by formula I, wherein X is 150W1,500, and

having a melting point of 220W235°C and a

decomposition temperature of 300W315°C.

USE: Material for medical articles such as orthopedic

pins, dressings for burn, surgical sutures, flakes for

scratches and substitutes for arteries.

PREPARATION: Polyglycolic acid represented by formula

II, wherein X is 150W 1,500, prepared, for example, by ring-opening polymerization of glycollide of formula III, is

treated with an acetylating agent.

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LEGAL STATUS

[Date of request for examination]